

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
6 October 2005 (06.10.2005)

PCT

(10) International Publication Number
WO 2005/092411 A1

(51) International Patent Classification⁷: **A61M 5/158**

(21) International Application Number:
PCT/DK2005/000190

(22) International Filing Date: 21 March 2005 (21.03.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/556,863 26 March 2004 (26.03.2004) US
PA200400493 26 March 2004 (26.03.2004) DK

(71) Applicant (for all designated States except US): **UN-OMEDICAL A/S** [DK/DK]; Engmosen 1, DK-3540 Lyngby (DK).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **KORNERUP, Grete** [DK/DK]; Sandbakkevej 56, DK-4390 Vipperød (DK). **MOGENSEN, Lasse, Wesseltøft** [DK/DK]; Jacob Bulls Alle 100, 1., DK-2860 Søborg (DK). **GÖRANSSON, Magnus, Walter** [SE/SE]; Friisgatan 5A, S-21421 Malmö (SE).

(74) Agent: **ZACCO DENMARK A/S**; Hans Bekkevolds Alle 7, DK-2900 Hellerup (DK).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

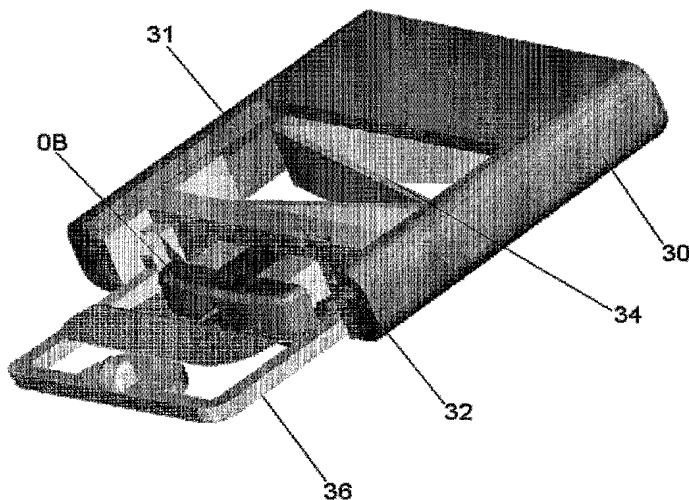
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **INJECTOR DEVICE FOR INFUSION SET**



(57) **Abstract:** The invention relates to an injector device for an infusion set for intermittent or continuous administration of a therapeutical substance, such as insulin. The injector device for the subcutaneous introduction of the cannula of an infusion part into the skin of a patient comprises a housing, a back, longitudinally extending guiding means, a member which is longitudinally slidable within the housing, an insertion needle for insertion of the cannula, a spring located between the back of the housing and the longitudinally slidable member, locking means for maintaining the spring in a compressed state and release means for disengaging the locking means. The device further comprises a pivoting member which can be swung from a position in which the pivoting member allows for insertion of the needle into a position in which it embraces the needle.

WO 2005/092411 A1